

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: : LE, KHIEM
Serial No. : To be assigned
Filing Date : To be assigned
Prior Serial No. : 09/283,808
Prior Filing Date : April 1, 1999
Prior Examiner : Ton, Dang
For : APPARATUS AND ASSOCIATED METHOD FOR
COMMUNICATING MULTIMEDIA INFORMATION
UPON A COMMUNICATION LINK

Box PATENT APPLICATION
Commissioner for Patents
Washington, D.C. 20231

Sir:

PRELIMINARY AMENDMENT

Please amend the continuation application, filed concurrently herewith, as follows:

IN THE SPECIFICATION:

After the title, as a new paragraph, insert the following:

The present application is a continuation of U.S. Patent Application Serial No. 09/283,808, filed on April 1, 1999.

IN THE CLAIMS:

Please cancel claims 1-109 and add new claims 110-118 as follows:

110. In a radio communication system operable to communicate multimedia information between a first multimedia device and a second multimedia device, an improvement of a wireless gateway for providing the multimedia information transmitted by the first multimedia device upon a special channel in radio-link format to the second multimedia device, said wireless gateway comprising:

a control plane information generator coupled to receive indications of the multimedia information, said control plane information generator for generating control plane information, the control plane information controlling a manner by which to provide the multimedia information, once converted into packet-data form, to the second multimedia device; and

a format converter coupled to receive indications of the multimedia information in the radio-link format, said format converter for converting the multimedia information into the packet-data form, the multimedia information, once converted into the packet-data form provided to the second multimedia device in the manner determined by the control plane information.

111. In the radio communication system of claim 110, a further improvement of apparatus for the first multimedia device for initiating generation of the multimedia information, said apparatus comprising:

a real-time media source at which the multimedia information is sourced,
and

a requester coupled to said real-time media source to receive indications of when the multimedia information is to be communicated by the first multimedia device, said requester for requesting allocation of the special channel upon which to communicate the real-time media.

112. The apparatus of claim 111 wherein said requester requests the allocation of the special channel with said control plane information generator.

113. The apparatus of claim 112 wherein said control plane information generator comprises a real-time manager, said real-time manager further for exchanging signaling with said requester pursuant to the requests for the allocation of the special channel.

114. The apparatus of claim 113 wherein the first multimedia device is defined in terms of logical layers, wherein said real-time media source is formed at a first logical layer and said requester is formed at a second logical layer, the first logical layer of a higher logical-layer level than the second logical layer.

115. The apparatus of claim 114 wherein the first logical layer comprises an application signaling layer.

116. The apparatus of claim 115 wherein the second logical layer comprises an adaptation layer.

117. The apparatus of claim 116 further comprising a third logical layer, the third logical layer of a lower logical-layer level than the second logical layer.

118. The apparatus of claim 117 wherein the third logical layer comprises a bearer signaling layer.

116 117 118

REMARKS:


Entry, and consideration for allowance, of the above-recited claims in the continuation application filed concurrently herewith is respectfully requested.

No fees are believed to be necessary; however, the Commissioner is hereby authorized to charge any additional fees connected with this communication or credit any overpayment to Deposit Account No. 50-0208.

Respectfully submitted,

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Date: 20 Dec 01


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100337-1396001